



OPERATORS MANUAL AND PARTS CATALOG

FOR

UB
SERIES

DC DIRECT SERVICE GENERATORS

(FOR MAGNET SERVICE APPLICATIONS)

SPECIFICATIONS

	10UB-150S	15.0UB-150S
Dimensions (inches)		
Length	23-5/16'	25-13/16
Width	17-5/16	17-5/16
Height (includes 2½ inches for lifting eye)	17-15/16	17-15/16
Drive Shaft Diameter	1.6245—1.6250	1.6245—1.625
Ratings (watts)	10,000	15,000
Volts (DC)	250	250
Current (amperes)	40	60
Speed (RPM)	1960	1960
Cooling	Centrifugal Blower	
Ball Bearings	Two, Sealed and Prelubricated	
Standard Rotation (as viewed from end opposite drive end)	Counterclockwise *	

NOTE: Model designation, as 15.0UB-150N, changed beginning Spec B to 15.0UB-150S.

* - Opposite rotation is available — see instructions.

PARTS CATALOG

Model 10UB-150S/1 (5" Stack)

Model 15UB-150S/1 (7-1/2" Stack)

<u>PART NO.</u>	<u>QTY. USED</u>	<u>PART DESCRIPTION</u>
201-0684	1	Armature
510-0063	1	Bearing, Drive End
510-0052	1	Bearing, Brush Rig End
211-0090	1	Bell, End (Brush Rig End)
211-0085	1	Bell, End (Drive End)
205-0045	1	Blower (Drive End)
301-1093	1	Box, Receptacle
214-0049	4	Brush, Commutator
232-0615	1	Clip, Bearing Stop (Brush Rig End)
222-1431	1	Coil Set, Commutating (Set of 4)
222-1430	1	Coil Set, Field (Set of 4)
203-0101	1	Commutator
232-0601	1	Cover, Bearing (Brush Rig End)
232-1303	1	*Cover, Bearing (Drive End Outer)
232-1005	1	Cover, Bearing (Drive End Inner)
232-1093	1	Cover, Bottom R/H Hole (Brush Rig End)
232-1162	1	Cover, Bottom L/H Hole (Brush Rig End)
301-1100	1	Cover, Receptacle Box
232-1089	2	Cover, Top Hand Hole (Brush Rig End)
403-0095	1	Eye Bolt, Lifting
210-1482	1	Frame Assembly, Generator (Includes Coils and Shoes)
515-0131	1	Key, Armature Shaft Drive (3/8" x 4" Lg)
505-0008	2	Plug, Grease Hole (Drive End) Fits in 232-1004 Cover
221-0104	4	Poleshoe, Field
221-0107	4	Poleshoe, Interpole (Commutating)
232-0182	4	Retainer, Field Coil
212-0201	1	Rig Assembly, Brush (Includes Brushes and Springs)
518-0122	1	Ring, External Retaining (Drive End Bearing)
232-1077	1	Screen, End Bell (Drive End)
232-1028	1	Scroll, Air (Drive End)
509-0061	As Req.	Seal, Grease (Not used with Double Sealed Bearings) Drive End
212-1106	4	Spring, Commutator Brush (30-34 ounces)

- For early (prior 1956) models, order 232-1004 Cover having greasing provision for Single Shielded ball bearing.

NOTE: Control Part Numbers appear on the Switchboard Wiring Diagram.

<u>PART NO.</u>	<u>QTY. USED</u>	<u>PART DESCRIPTION</u>
201-0618	1	Armature
510-0063	1	Bearing, Drive End
510-0052	1	Bearing, Brush Rig End
211-0090	1	Bell, End (Brush Rig End)
211-0085	1	Bell, End (Drive End)
205-0045	1	Blower (Drive End)
301-1093	1	Box, Receptacle
214-0049	4	Brush, Commutator
232-0615	1	Clip, Bearing Stop (Brush Rig End)
222-1456	1	Coil Set, Commutating (Set of 4)
222-1455	1	Coil Set, Field (Set of 4)
203-0101	1	Commutator
232-0601	1	Cover, Bearing (Brush Rig End)
232-1303	1	*Cover, Bearing (Drive End Outer)
232-1005	1	Cover, Bearing (Drive End Inner)
232-1093	1	Cover, Bottom R/H Hole (Brush Rig End)
232-1162	1	Cover, Bottom L/H Hole (Brush Rig End)
301-1100	1	Cover, Receptacle Box
232-1089	2	Cover, Top Hand Hole (Brush Rig End)
403-0095	1	Eye Bolt, Lifting
210-1430	1	Frame Assembly, Generator (Includes Coils and Shoes)
515-0131	1	Key, Armature Shaft Drive (3/8" x 4" Lg)
505-0008	2	Plug, Grease Hole (Drive End) (Fits in 232-1004 Cover)
221-0106	4	Poleshoe, Field
221-0105	4	Poleshoe, Interpole (Commutating)
232-0182	4	Retainer, Field Coil
212-0201	1	Rig Assembly, Brush (Includes Brushes and Springs)
518-0122	1	Ring, External Retaining (Drive End Bearing)
232-1077	1	Screen, End Bell (Drive End)
232-1028	1	Scroll, Air (Drive End)
509-0061	As Req.	Seal, Grease (Not used with Double Sealed Bearing) Drive End
212-1106	4	Spring, Commutator Brush (30-34 ounces)

- For early (prior 1956) models, order 232-1004 Cover having greasing provision for Single Shielded ball bearing.

NOTE: Control Part Numbers appear on the Switchboard Wiring Diagram.